Mechanics of Materials 1 (1982) 353–354
North-Holland Publishing Company

AUTHOR INDEX VOLUME 1 (1982)

(The issue number is given in front of the page numbers)

Ambasht, B.P., *see* **Gupta, N.K.** (3) 219–228
Angers, L., *see* **Zedalis, M.** (4) 307–312

Banks-Sills, L. and **B. Budiansky**, On void collapse in viscous solids (3) 209–218
Bernabe, Y., B. Evans and **W.F. Brace**, Permeability, porosity and pore geometry of hot-pressed calcite (3) 173–183
Brace, W.F., *see* **Bernabe, Y.** (3) 173–183
Budiansky, B., *see* **Banks-Sills, L.** (3) 209–218
Burns, T.J. and **T.G. Trucano**, Instability in simple shear deformations of strain-softening materials (4) 313–324

Evans, B., *see* **Bernabe, Y.** (3) 173–183

Follansbee, P.S. and **J. Weertman**, On the question of flow stress at high strain rates controlled by dislocation viscous flow (4) 345–350
Forrestal, M.J. and **D.B. Longcope**, Closed-form solutions for forces on conical-nosed penetrators into geological targets with constant shear strength (4) 285–295
Freese, C.E., *see* **Tracey, D.M.** (2) 151–159

Gotoh, Y., *see* **Ohashi, Y.** (4) 297–305
Gupta, N.K. and **B.P. Ambasht**, An experimental investigation of tensile deformation of round bars (3) 219–228

Havner, K.S., Minimum plastic work selects the highest symmetry deformation in axially-loaded f.c.c. crystals (2) 97–111
Hayashi, K., Singular behavior at the end of a ribbon-like, rigid inclusion embedded in an elastic-plastic material (3) 203–208
Hejazi, M., *see* **Nemat-Nasser, S.** (3) 239–267
Herrick, R., *see* **Zedalis, M.** (4) 307–312
Hong, S.H., *see* **Zedalis, M.** (4) 307–312

Iwakuma, T., *see* **Nemat-Nasser, S.** (3) 239–267

Kachanov, M.L., A microcrack model of rock inelasticity – Part I: Frictional sliding on microcracks (1) 19–27
Kachanov, M.L., A microcrack model of rock inelasticity – Part II: Propagation of microcracks (1) 29–41
Kachanov, M.L., Microcrack model of rock inelasticity – Part III: Time-dependent growth of microcracks (2) 123–129
Karihaloo, B.L., On crack kinking and curving (3) 189–201
Konishi, J., *see* **Oda, M.** (4) 269–283

Lin, M.R., *see* **Zedalis, M.** (4) 307–312
Longcope, D.B., *see* **Forrestal, M.J.** (4) 285–295
Luzzi, D., *see* **Zedalis, M.** (4) 307–312

Maruyama, K., *see* **Zedalis, M.** (4) 307–312
Morland, L.W. and **U. Spring**, Single integral representations for nonlinear viscoelastic solids (2) 161–170
Moss, G.L. and **L. Seaman**, Nucleation threshold stress for the dynamic fracture of a low-alloy Ni-Cr steel (2) 87–95
Mura, T., *see* **Tanaka, K.** (1) 63–73

Nassar, E.A. and **A.H. Nayfeh**, Longitudinal elastic wave propagation in laminated composites with bonds (4) 331–344
Nayfeh, A.H., *see* **Nassar, E.A.** (4) 331–344
Nemat-Nasser, S. and **Y. Tobita**, Influence of fabric on liquefaction and densification potential of cohesionless sand (1) 43–62
Nemat-Nasser, S., T. Iwakuma and **M. Hejazi**, On composites with periodic structure (3) 239–267
Nemat-Nasser, S., *see* **Oda, M.** (4) 269–283

Oda, M., J. Konishi and **S. Nemat-Nasser**, Experimental micromechanical evaluation of strength of granular materials: Effects of particle rolling (4) 269–283
Ohashi, Y., E. Tanaka and **Y. Gotoh**, Effect of pre-strain on the plastic deformation of metals along orthogonal bilinear strain trajectories (4) 297–305
Ortiz, M. and **E.P. Popov**, Plain concrete as a composite material (2) 139–150

Pan, H., Some discussion on moving strong discontinuity under plane stress conditions (4) 325–329
Park, Y.K., *see* **Zedalis, M.** (4) 307–312
Parker, J.D. and **B. Wilshire**, Deformation and fracture processes during creep of $\frac{1}{2}Cr\frac{1}{2}Mo\frac{1}{2}V$ ferritic steel (2) 113–121
Poorooshasb, H.B. and **R.N. Yong**, Planar deformation of cohesionless granular media (2) 131–137

0167-6636/82/0000-0000/$02.75 © 1982 North-Holland

Popov, E.P., *see* **Ortiz, M.** (2) 139–150

Seaman, L., *see* **Moss, G.L.** (2) 87–95
Spring, U., *see* **Morland, L.W.** (2) 161–170

Tanaka, E., *see* **Ohashi, Y.** (4) 297–305
Tanaka, K. and **T. Mura**, A micromechanical theory of fatigue crack initiation from notches (1) 63–73
Teunissen, J.A.M., Mechanics of a fluid–gas mixture in a porous medium (3) 229–237
Thom, R., *see* **Zedalis, M.** (4) 307–312
Tobita, Y., *see* **Nemat-Nasser, S.** (1) 43–62
Tracey, D.M. and **C.E. Freese**, Cyclic plasticity near a cracklike elliptical flaw (2) 151–159
Trucano, T.G., *see* **Burns, T.J.** (4) 313–324

Weertman, J., *see* **Zedalis, M.** (4) 307–312
Weertman, J., *see* **Follansbee, P.S.** (4) 345–350
Williams, D.R., *see* **Zedalis, M.** (4) 307–312
Williams, K.R., Steady state creep in a microstructurally unstable steel (1) 75–84
Wilshire, B., *see* **Parker, J.D.** (2) 113–121
Wong, T.-F., Effects of temperature and pressure on failure and post-failure behavior of Westerly granite (1) 3–17
Wright, T.W., Stored energy and plastic volume change (3) 185–187

Yong, R.N., *see* **Poorooshasb, H.B.** (2) 131–137

Zedalis, M., L. Angers, R. Herrick, D.R. Williams, S.H. Hong, M.R. Lin, D. Luzzi, K. Maruyama, Y.K. Park, R. Thom and **J. Weertman**, Application of the double slip plane crack model to temperature and strain rate sensitive BCC metals (4) 307–312